

Int'l. Appln. No.: PCT/EP00/05841
Docket No. B45187

Amendments to the Claims

IN THE CLAIMS:

Please cancel claims 1-12.

Please add new claims 13-24.

13. A composition for raising an immune response comprising a malaria antigen and an immunostimulatory CpG oligonucleotide.

14. A composition as claimed in claim 13 wherein the antigen is selected from the group of malaria antigens consisting of RTS, RTS*, TRAP and immunologically equivalent derivatives thereof.

15. A composition as claimed in claim 13 wherein the vaccine comprises TRAP or immunologically equivalent derivative and one of RTS or RTS*.

16. A composition as claimed in claim 13 further comprising an aluminum salt, 3 de-O-acylated monophosphoryl lipid A or a saponin adjuvant.

17. A composition as claimed in claim 13 wherein the oligonucleotide comprises two CpG dinucleotides.

18. A composition as claimed in claim 13 wherein the CpG oligonucleotide is between 15-45 nucleotides in length.

19. A composition as claimed in claim 13 wherein the CpG oligonucleotide comprises at least one phosphorothioate internucleotide bond.

20. A composition as claimed in claim 13 wherein the oligonucleotide is selected from the group consisting of oligonucleotides designated as WD1001, WD1002, WD1003, WD1004, WD1005, WD1006, and WD1007.

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21. A method for the prevention or amelioration of plasmodium infection in a patient, comprising administering an effective amount of a composition of claim 13 to a patient.

22. A method for the prevention or amelioration of plasmodium infection in a patient, comprising administering an effective amount of a composition of claim 16 to a patient.

23. A method of producing a composition as claimed in claim 13 comprising admixing a malarial antigen and a CpG immunostimulatory oligonucleotide.

24. A method for the prevention or amelioration of plasmodium infection in a patient, comprising administering an effective amount of a CpG oligonucleotide followed after a suitable time by an effective amount of a malaria antigen.